**Figure 1**

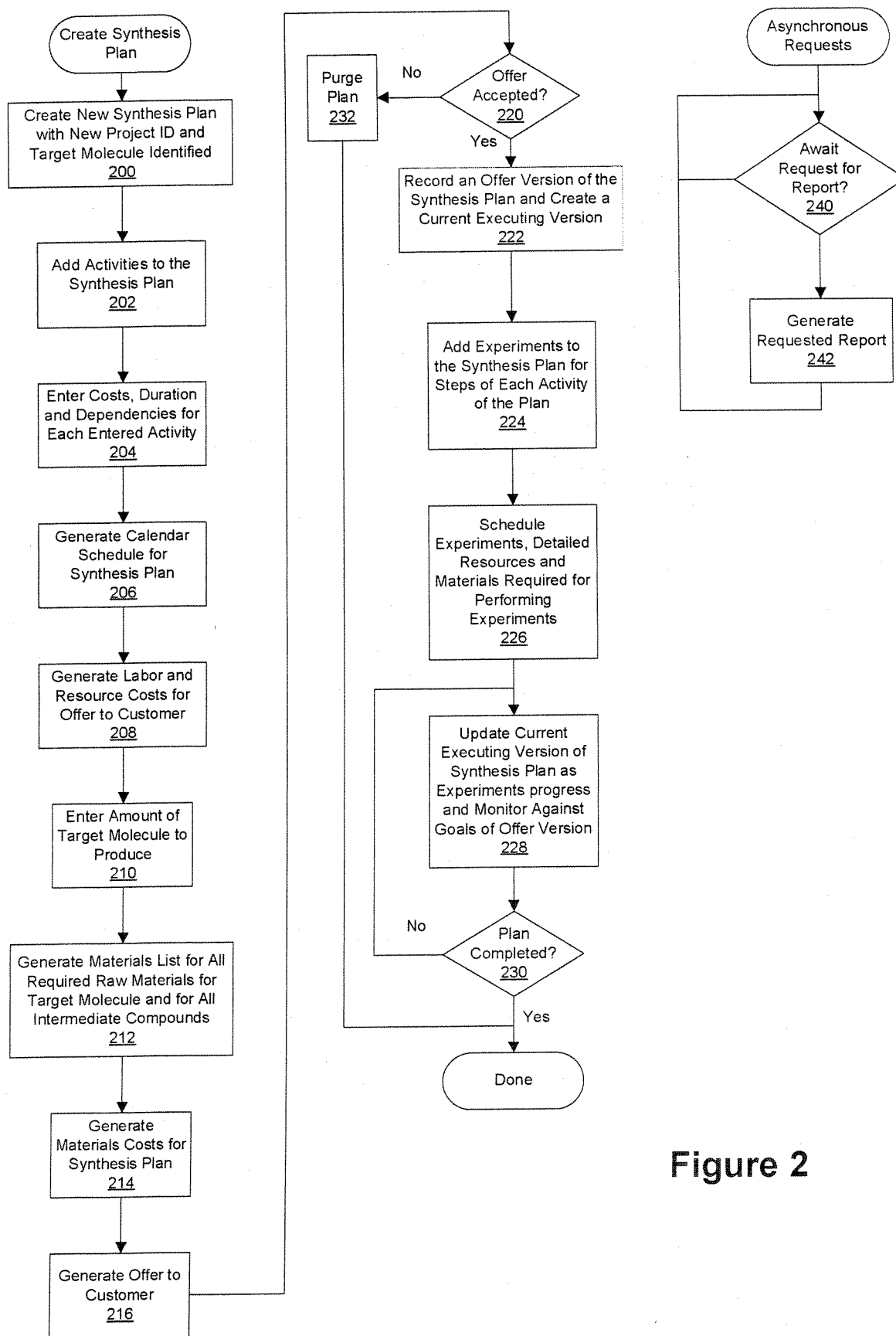


Figure 2

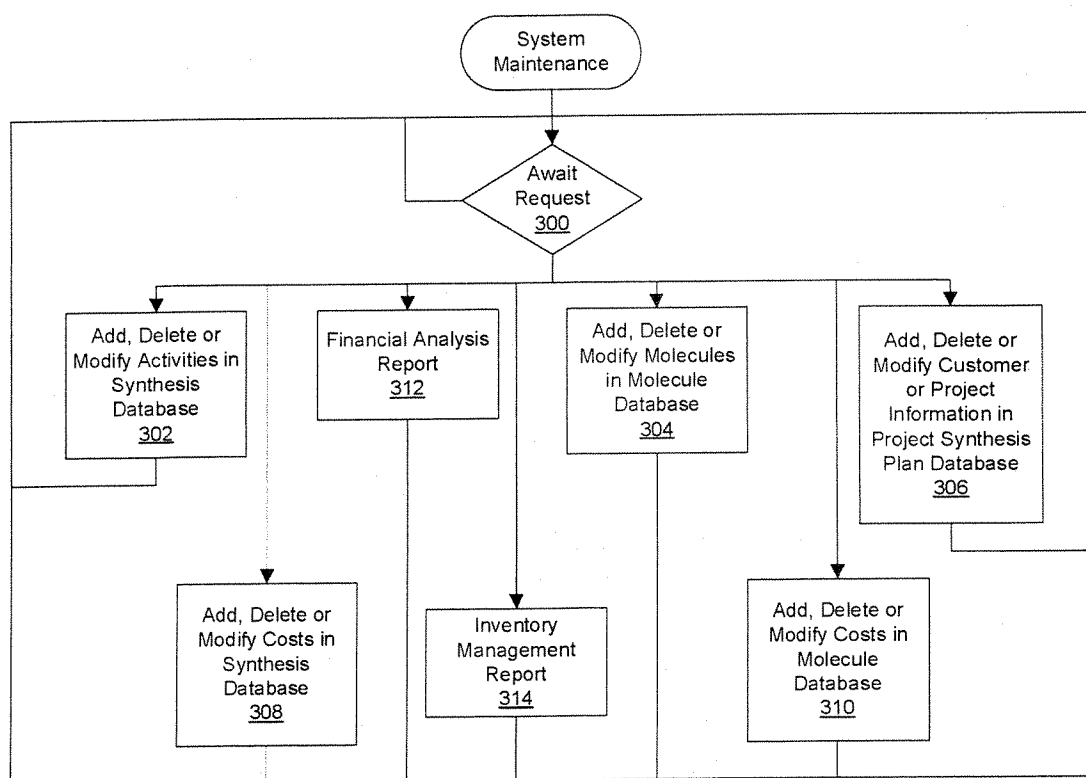


Figure 3

## Figure 4

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Damgaard Akkema - Eindhoven Holding ALK (AMR) G (RDC) - ARRON

File Edit Tools Command Windows Help

General ledger

Synthesis plans - Project: APP02003, C-006891, A, Project: APP02003

Sub synthesis plans

Overview

Synthesis plan	C-Number	Name	Quantity	Unit
C-006892-A	C-006897	Dimethylphosphoric chloride	0.25	kg
C-006892-A	C-006892	Dimethylphosphonic acid C-43 label	0.48	kg

Design  
Create structure  
ESM Calculation  
Sub Synthesis plans  
Print

Steps | Quantity | Projects

S	Name	C-Number	Molecule w	Kun	Ca	Rea	Quantity	Working vol	Reaction v	Quench Vol
0001	Triphosphorochloride	C-006894	169.40	0.00	67.00	0.00	0.31	0.00	0.00	0.00
0002	Tetraethylphosphor...	C-006896	166.22	0.00	186.00	0.00	0.23	0.00	0.00	0.00

Create digest  
Start/End dates

Number of synthesis step

Start

Inbox...

Damg...

APP1.d...

APP2.d...

Adobe...

Docum...

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Figure 5

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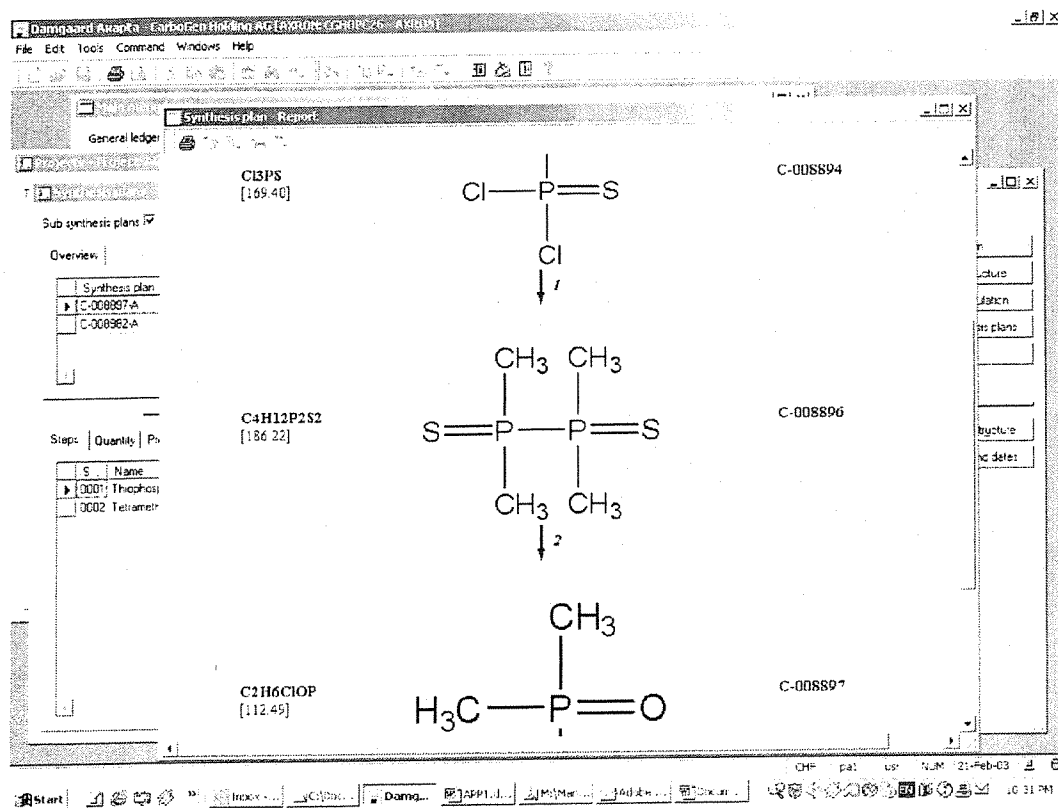


Figure 6

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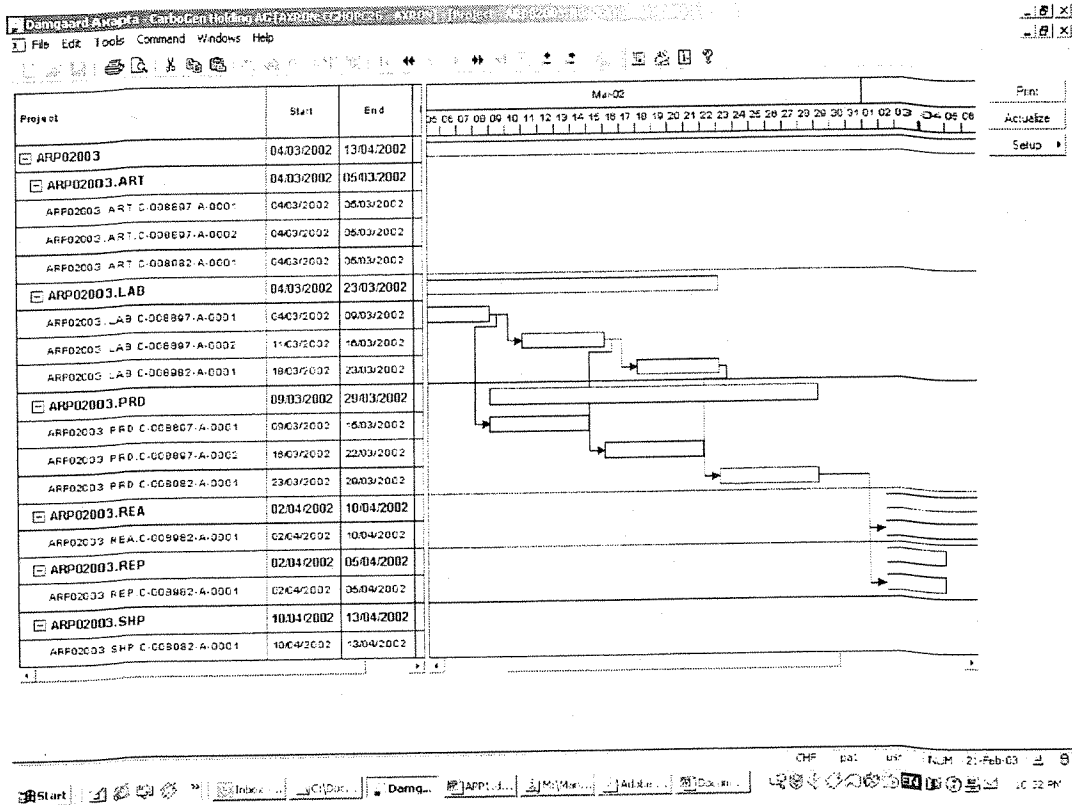


Figure 7

8/19

Daanraat & Maatje - Gebruiken Hadden Als TAXISN CoSMP 26 - AARUN

File Edit Tools Command Windows Help

General budget

Tree control Tree structure Subrecords

Project: ARF02003, ARF02003SHF, Project: ARF02003

View archived

Overview Basis

Employee	Currency: USD	Project: ARF02003
Action date	Offer value: 122,922.65	Name: Ariad Pharmaceuticals inc
	Employee costs: 122,718.22	Offer quantity: 0.00
	Resource costs: 204.44	Unit:
	Other costs: 0.00	SMP status:
	Material costs: 0.00	Out of pol:
	Internal: 30,803.00	Deadline:
		Cycle time: 0.00
		C. Number:
		Synthesize plan:
		Project code customer:
		Product code customer:

APP02003 SHP

Employee that approved the offer.

Start Inbox Docu Dmnp APP1.d MMar edbe Docum

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Figure 8

9/19

Damgaard A/S - Carbon Holding AB (R0005501025 - 0000)

File Edit Tools Command Windows Help

General ledger

Item budget: Model: Off-AA0000559 Model: Off-Expanded ID: 0

Show report transactions: ☐ Model: ☒ n

BOM | M2 | General | Setup | Price/Discount | Quantity | Dimension | Overview

Item number	Item name	Project	Reference	Unit b.	Notwendig	Unit	Sales qua	Unit
AA-0000000	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	129 30	kg	224 40000	kg	52 95557	L
AA-0000062	Kalunhydrol 85%	ENPC2002 FRO C-005012-A-000	129 30	kg	730 00000	kg	29 78830	kg
AA-0000060	Nanonauge 32%	ENPC2002 FRO C-005012-A-000	129 30	kg	2 530 00000	L	74 14354	L
AA-0000129	Selazole 2M m H2O	ENPC2002 FRO C-005012-A-000	129 30	kg	500 00000	L	294 79834	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	129 30	kg	500 00000	L	52 95557	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	129 30	kg	500 00000	L	36 32740	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	129 30	kg	500 00000	L	36 32740	L
AA-0000119	Toluo 99 85%	ENPC2002 FRO C-005012-A-000	206 30	kg	2 030 00000	L	180 11633	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	206 30	kg	500 00000	L	45 02571	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	206 30	kg	500 00000	L	45 02571	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	206 30	kg	500 00000	L	45 02571	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	206 30	kg	500 00000	L	45 02571	L
AA-0000550	Nanonauge 32%	ENPC2002 FRO C-005012-A-000	206 30	kg	730 00000	L	52 34159	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	206 30	kg	500 00000	L	45 02571	L
AA-0000559	1st Butylmethylketol 99%	ENPC2002 FRO C-005012-A-000	223 00	kg	500 00000	L	33 37196	L
AA-0000119	Toluo 99 85%	ENPC2002 FRO C-005012-A-000	223 00	kg	80 00000	L	5 33552	L
AA-0000976	Ethanol absolut (200L)	ENPC2002 FRO C-005012-A-000	239 00	kg	2 030 00000	L	90 77531	L
AA-0000050	Diethylether 99 0%	ENPC2002 FRO C-005012-A-000	239 00	kg	500 00000	L	22 65336	L
AA-0000050	Diethylether 99 0%	ENPC2002 FRO C-005012-A-000	239 00	kg	500 00000	L	13 61637	L
AA-0000050	Diethylether 99 0%	ENPC2002 FRO C-005012-A-000	239 00	kg	500 00000	L	13 61637	L
AA-00002127	Deon Wasser CG	ENPC2002 FRO C-005012-A-000	129 30	kg	1 630 00000	L	180 55436	L
AA-00002127	Deon Wasser CG	ENPC2002 FRO C-005012-A-000	129 30	kg	1 630 00000	L	105 31534	L

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Figure 9

10/19

Damgaard Asapla - CarboGen Holding AG [AXR001-EC000226 - AXR001]

File Edit Tools Command Windows Help

General ledger

Tree control ☒ Tree structure ☐ Project ☐ Subprojects ☒

Hours: Employee number: MFA, ENP02002, Project: ENP02002

Overview | General | Ledger | Dimensions

Project date	Project	Approach	Category	Hours	Intern.	Type	Employee no.	Cost price	Sales
10-Jun-02	ENP02002	ENP02002-Planning	MAN	6.08	4.39	Employee	MFA	48.00	USD
11-Jun-02	ENP02002	ENP02002-Row Materials	QUE	1.31	0.55	Employee	JWA	48.00	USD
11-Jun-02	ENP02002	ENP02002-Planning	MAN	3.62	2.63	Employee	MFA	48.00	USD
12-Jun-02	ENP02002	AA-C09012A-1/2/3-0002	LAE	6.47	4.69	Employee	MFA	48.00	USD
12-Jun-02	ENP02002	AA-C09012A-1/2/3-0002	LAE	0.26	0.19	Employee	MFA	48.00	USD
13-Jun-02	ENP02002	AA-C09012A-1/2/3-0002	ANL	1.19	0.67	Employee	GSP	48.00	USD
13-Jun-02	ENP02002	AA-C09012A-1/2/3-0002	ANL	0.47	0.34	Employee	LGR	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.06	0.04	Employee	NST	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.68	1.54	Employee	JWA	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.36	1.71	Employee	NST	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.22	0.16	Employee	JWA	48.00	USD
18-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.80	0.58	Employee	NST	48.00	USD
18-Jun-02	ENP02002	ENP02002-Row Materials	QUE	1.64	1.19	Employee	JWA	48.00	USD
19-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.21	1.60	Employee	NST	48.00	USD
20-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.66	0.63	Employee	JWA	48.00	USD
24-Jun-02	ENP02002	AA-C09012A-C004-0025 Fort	ANL	3.65	2.79	Employee	JWA	48.00	USD

GLP02001, left in Merly, 500 g of SB-640508  
GLP02002, left in Noulend, 8 kg of SB649609  
GLP02003, 5 kg free beta NBI55562

Project transaction date

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Figure 10

Dashboard View - Carbonen Holding AG (AXRON-00000000 - AXRON)

File Edit Tools Command Windows Help

General ledger

Tree control ☒ Tree structure Project: Subprojects ☒ Project info

Transactions - reference: Sales order, 1319

Overview | General | Updates | Ledger | Other | Dimension

Project	Item number	Config	Ware.	Batch number	Serial number	Quantity	Physical co.	Financial co.
ENP02002	AA-0002133		M17EL	E-022193	E-022193-001-0	17.75000	1,106.99	1,758.25
ENP02002	AA-0002133		GLAGL	E-022193	E-022193-001-0	17.85000	2,965.00	2,985.00
ENP02002	AA-0002133		GLAGL	E-022228	E-022228-001-7	10.00000	2,100.00	2,098.00
ENP02002	AA-0002133		GLAGL	E-022079	E-022079-001-6	15.00000	228.50	227.80
ENP02002	AA-0002133		GLAGL	E-022080	E-022080-001-5	10.00000	1,310.00	1,310.00
ENP02002	AA-0002133		M17EL	E-022001	E-022001-001-5	0.25000	9,581.90	3,615.66
ENP02002	AA-0002133		M17EL			4.00000	407.50	
ENP02002	AA-0002133		M17EL			0.00000	228.50	228.60
ENP02002	AA-0002133		GLAGL	E-022194	E-022194-001-6	17.75000	1,106.99	1,755.27
ENP02002	AA-0002133		GLAGL	E-023070	E-023070-001-1	2.77500	50.50	
ENP02002	AA-0002133		GLAGL	E-023070	E-023070-002-4	2.77500	50.50	
ENP02002	AA-0002133		GLAGL	E-023045	E-023045-005-2	0.00000	121.50	
ENP02002	AA-0002133		M17EL			0.00000	860.00	680.00

Inventory ☒ Ledger ☒ Functions ☒

GLPG1003  
 GLPG1006, Isult in Marly, 70g of SB-649608  
 GLPG2001, Isult in Marly, 500 g of SB-649608  
 GLPG2002, Isult in Neuland, 6 kg of SB646508  
 GLPG2003, 5 kg free base N3135532

Identification of the project

Start ☒ Info... ☒ Do... ☒ App... ☒ M... ☒ Act... ☒ Cor...

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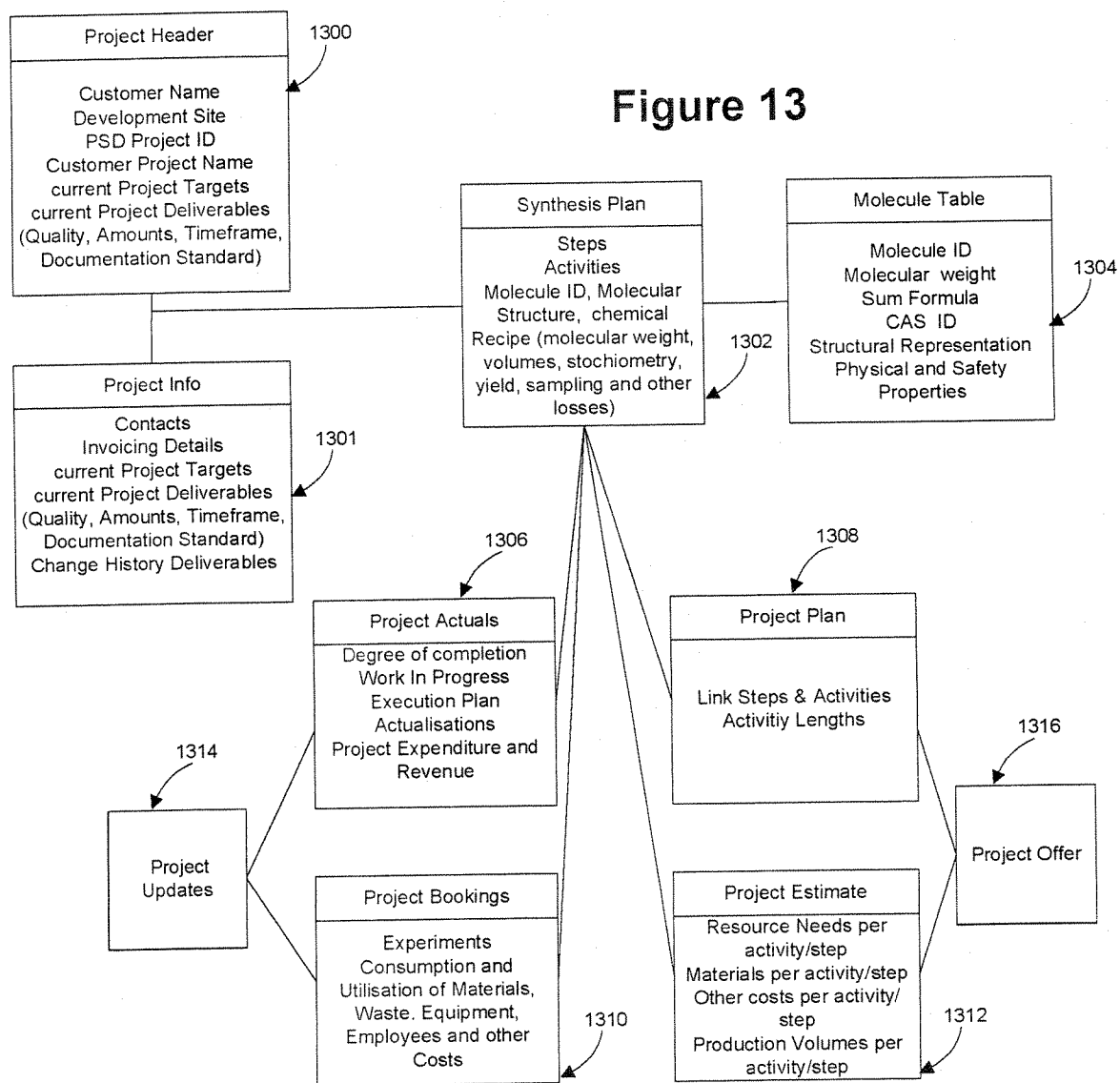
Figure 11

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Enzymatic Therapeutics Inc. Attn. Ms Susan Blockington Accounts Payable 107 Diggers Drive East Berne, NY 12023 US	<b>Invoice</b>
Aarau, 11-Mar-2002 EMP	
<b>INVOICE</b>	<b>PAA-000002</b>
01-Jan-2002 - 31-Jan-2002	
P.O.Number: email from Dr S. N. Maitland	
<b>Project:</b>	- / ENP03003
<b>Product:</b>	ENAA7856 HCl salt - C-006012
<b>Total:</b>	2,691.99
<b>Due</b>	<b>USD</b> <b>2,691.99</b>
<b>Terms of payment:</b>	30 days after receipt net
<b>Payable to:</b>	UBS AG, CH-9001 St. Gallen
	Account no. H0-276.389.2
	Clearing no. 123

Figure 12

Figure 13





Duplicate

Print

Approach - Approach: AA-006012-A-1\* 2/3/4-0003, ENP02002 LAB C-006012-A-0001

From  To  Project

Overview | Categories | Objective | Conditions | Result

Approach	Project	Chemist	Created D...	Status
AA-006012-A-0001-0009	ENP02002 PRD C-006012-A-0001	MFA	30-Aug-2002	Created
AA-006012-A-0003-0019	ENP02002 PRD C-006012-A-0003	MFA	19-Apr-2002	In process
AA-006012-A-0003-0020	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Print
AA-006012-A-0004-0014	ENP02002 PRD C-006012-A-0004	MFA	12-Apr-2002	Archived
AA-006012-A-0004-0015	ENP02002 PRD C-006012-A-0004	MFA	24-Sep-2002	Created
AA-006012-A-1*2/3/4-0002	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	Created
▶ AA-006012-A-1*2/3/4-0003	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	Created
AA-006012-A-1*2/3/4-0002	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	In process
AA-006012-A-1/2/3L-0002	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2/3L-0003	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Print
AA-006012-A-1/2/3L-0004	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2/3L-0005	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2L/3-0002	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2L/3-0003	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Archived
AA-006012-A-2/3-0001	ENP02002 PRD C-006012-A-0003	MFA	19-Apr-2002	Created
AA-006012-Z-0001-0001	ENP02002 PRD C-006012-A-0001	MFA	30-Aug-2002	Created

Figure 14

Approach - Approach: AA-006012-A-1\* / 2 / 3 / 4-0003, ENP02002, LABE-006012-A-0100

From  To  Project

Overview Categories Objective Conditions Result

Employee category  Status

Cost category  EOP Consumption

Revenue category

Duplicate

Print

Figure 15

Approach - Approach: 44-000009-E-0001-0001, ENP02013,PRD/E-000009-E-0001

From

Created

▼

To

In process

▼

Project

▼

Duplicate

Print

Overview

Categories

Objective

Conditions

Result

Test Customer's procedure

Figure 16

- [ ] X

Duplicate

Print

Approach - Approach: AA-000009-E-0001-0001, ENP02015-PROD-000009-E-0001

From [Created] To [In process] Project [ ]

Overview | Categories | Objective | Conditions | Result

C-13332 (5 g) KOEt (1.1 eq), THF (50 mL), 0°C, 2 h  
Work-up with EtOAc, NH4Cl, stripping to dryness, crystallization from 35 mL IPA at ambient temperature

Figure 17

Approach-Approach-AA-000009-E-0001-0001, EN02015-PR01-000009-E-0001

From

To

Project

Overview

Categories

Objective

Conditions

Result

Yield	Purity	Remarks
75 %	6.3 area %	Complete conversion, ML contains 22 % product

Duplicate

Print

Figure 18

**PP - Report** x

Update status ☒ Project

Week  Approach

Status

Printer

Print medium

Figure 19

Figure 20

**CARBO  
GEN**  
Solid Pharmaceutical Services Division

**PP - Report**

20-Mar-2003 / ADAFI

Page 1 of \*\*

ENT02015.PRD.C-000005

Week:	12	Date:	20-Mar-2003
PTL		Start date:	22-Aug-2002
PGL		Planned end:	05-Nov-2002
Status		End date:	22-Aug-2002

Experiment: AA-000009-E-0001-0001

Aim: Test Customer's procedure

Conditions: C-13332 (5 g) KOEt (1.1 eq), THF (50 mL), 0°C, 2 h  
Work-up with EtOAc, NH<sub>4</sub>Cl, stripping to dryness, crystallization from 35 mL IPA at ambient temperature

Result:	Yield	Purity	Remarks
	75 %	6.3 area %	Complete conversion, ML contains 22 % product